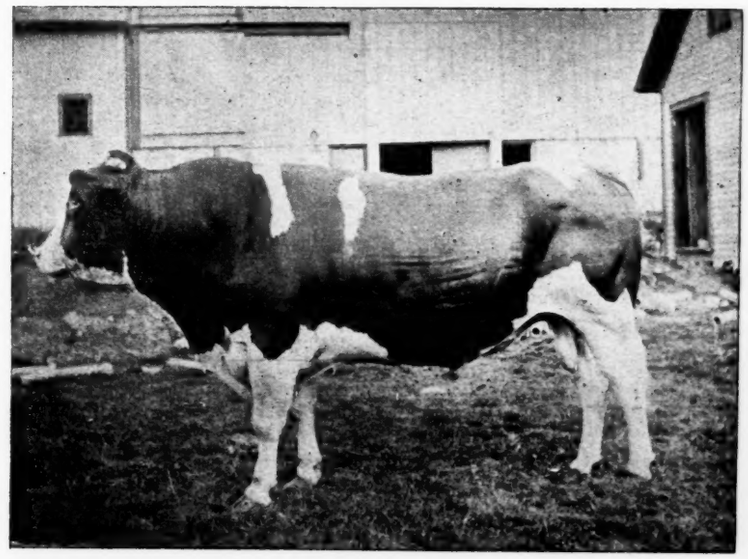
# HOLSTEIN-FRIESIAN WORLD

Vol. III. ITHACA, NEW YORK, DECEMBER 1, 1906. No. 23.



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*J. G. WHITE & SON.*

# Holstein-Friesian World.

VOL. III. ITHACA, NEW YORK, DECEMBER 1, 1906. No. 23.

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*Advanced Registry and Official Testing* in charge of the Superintendent as above.

## Visit of North Garden Farmers' Club, Va., to Dr. S. A. Robinson's Farm.

(*From the Southern Planter.*)

The North Garden Farmers' Club met at the home of Dr. Samuel Adams Robinson on June 29, 1906. This was not a regular meeting, but Dr. Robinson invited the club and some other guests to meet at his house on that day to celebrate the one hundredth anniversary of the birth of his father, Rev. John Robinson, who was born near Winchester, Va., on June 29, 1806.

Dr. Robinson is a retired physician from New York City, who in 1904 purchased Cove Lawn, a fine farm of 600 acres near Covesville, Albemarle county, intending it as a home for his son, Mr. Rush Adams Robinson, who died last spring. He has spent a large sum of money in improving it, and now has one of the finest equipped stock and dairy farms in the South.

The club first visted the large cattle barn, which was quite a revelation to them. It is one of the largest barns in this part of the State. It was filled with a herd of the best pure-bred Holstein cattle. The cows were sleek and in excellent condition, weighing from 1,200 to 1,600 pounds each, and have official records of from 60 to 80 pounds of milk per day. All but two of them are in the Advanced Register, and the official records of most of them are from 16 to 26¼ pounds of butter in seven days. Several have been prize winners at the St. Louis Exposition and New York and other fairs. The herd is headed by Pontiac Calypso's Son, a magnificent bull descended from the finest strains of Holsteins. King Ormsby Friend is another very fine bull. His dam produced in an official test 16.22 pounds of butter in seven days when under two years old, and 19.55 as a three-year-old, and Duchess Ormsby, the dam of his sire, made an official record of 24¼ pounds of butter in seven days, her milk testing 5.44 per cent. of fat. But we cannot mention all of the choice animals of this herd. It is undoubtedly the finest herd of Holsteins in the South.

The barn has cement floors and every modern convenience. The cattle are fed and watered in cement troughs. The water is brought from a mountain spring and conducted all through the barn. It can be warmed by steam before reaching the mangers, so that it is never necessary to give the cattle cold water. Fire plugs are in convenient places to use in case of fire. There is a 6-horse power boiler in the barn and a 5-horse power engine furnishing steam and power to do the work of the barn and run a model dairy, which is equipped with all the necessary machinery for making butter and handling milk and cream.

A large cement and steel silo at one end of the barn is also quite a sight. The barn is in charge of Mr. J. B. Loomis, an intelligent and experienced herdsman from New York State. The club members feel very much indebted to him for the courtesy shown them.

Live stock is not the only industry on the farm. For a great many years fine apples have been grown quite extensively, the leading varieties being Albemarle Pippins, Winesaps and York Imperials. The orchards look well, having been carefully pruned and sprayed since the doctor bought the place; and there is a large crop of choice fruit this year on the same trees that bore heavily last year, showing that the doctor's theory that proper cultivation will produce a crop every year is correct. His Albemarle Pippins topped the London market last year. Last year the doctor found an Esopus Spitzenberg tree among his York Imperials, and believing the apples to be as fine as he had ever seen, he sent a box of them to the leading dealers in fancy apples in New York. This firm has for several years handled the product of the Oregon Hood River Apple Growers' Union, which are the highest priced apples in the world, and one of the firm had just returned from Oregon after buying the crop of 1905. The doctor had told them of the tree and that he had spent several years in Oregon and knew Oregon fruit and the method of growing it, and that he had about 75 acres that would grow as fine Spitzenbergs as could be grown in Oregon. They thought the doctor was mistaken as to the quality of fruit he could raise, but after receiving the apples wrote him the following letter:

"New York, Oct. 21, 1906.
"Dr. S. A. Robinson,
"Covesville, Va.

"Dear Sir:—The box of apples you expressed us reached us today, and am

pleased to report that we are agreeably surprised to learn that Virginia can produce apples like the sample. It is a revelation, and think you have got a good thing if you can raise that kind of fruit in your orchard. In our conversation with you at our office we were somewhat skeptical of your statements regarding the quality of fruit you could raise. We have every reason to agree with you now, that as fine fruit as is raised in Oregon can be raised on your place. We certainly do believe that it will be advisable for you to set out that variety of fruit in the land that you propose to clear, as we consider that you can make no mistake in doing so.

"RAE & HATFIELD."

Last winter the doctor went to Oregon and selected 10,000 scions from the finest Spitzenberg trees in Hood River Valley and sent them here by express. Prof. William B. Alwood had in the meantime procured the best and hardiest stocks to graft the Spitzenbergs on, and after the scions came put out a nursery of 18,000 root grafts and two-year-old trees, which are doing well. The doctor cleared about thirty acres of his Spitzenberg land last winter and will start his orchard soon. Prof. Alwood has been the doctor's counsel ever since he bought the farm. There are about 200 acres in crops on the farm, which are looking well.

Mr. John MacGregor, an experienced farmer and horticulturist, is the doctor's farm manager, and took great pleasure in showing the members of the club over the place.

There is a new two-story sheep barn, 20 by 60, and a two-story implement barn, 18 by 45, with a lean-to 12 by 45, and an engine house, 15 by 18; a new hog barn, 22 by 48, with cement floors and running water; a new corn house, which will hold over 2,000 bushels; a flock of pure-bred Dorset sheep, 60 grade Berkshires and a pure-bred boar; ample machinery and tools, including 15-horse power portable engine, silage cutter, four wagons, seven mules, two yoke of good oxen, etc., etc.

After being entertained in old Virginia style by the doctor and his accomplished daughter-in-law, the club passed a vote of thanks and adjourned.

J. G. MARTIN, Sec.

## Alfalfa.

GREAT FOOD FOR HORSES.

Some experiments carried on proved the great utility and cheapness of a proper combination of alfalfa and corn in feeding horses. Without going into details we will state that we have found that with our six work horses a daily ration of fifteen pounds or so of hay and a dozen ears of corn will keep a horse weighing 1,500 pounds in good working condition. We know of no combination of food that is equal to alfalfa and corn. The Utah Experiment Station has made very thorough experiments in comparing the economy of alfalfa and timothy as horse feed. In every instance it was proved that the alfalfa was greatly ahead of timothy both in cheapness and promoting good condition. Some of the figures may prove interesting. It was found that twenty pounds of alfalfa a day would maintain the weight of horses weighing nearly 1,400 pounds when at rest. When at work, 32.62 pounds a day was necessary.

In Fort Atkinson, just at present, alfalfa hay is worth $10 a ton. Ear corn is selling for the same price, and strangely enough timothy hay is also selling for $10 a ton. This shows that prices in the market are not based upon nutritive value whatever. Hence the importance to the former of understanding the nutritive value of the different foods he raises either to sell or feed. Alfalfa hay should sell at $20 a ton at least, when timothy brings $10, if we compare their real value in nutrition. With corn and alfalfa hay at the same price per ton, we can easily see the greater economy of feeding horses on those two feeds and not on timothy and grain. The comparative economy in feeds is as yet but little studied or known. Alfalfa is a great thing for growing colts. There would not be so much complaint of undersized and light boned horses if it was more generally used.—*The Speed Bulletin.*

*We are very much pleased with the results derived from our advertising with you, and will also state that your breezy little journal is read from cover to cover each issue.*

*RIVENBURGH BROS.*

## A Remarkable Record.

In these columns last spring somewhat extended mention was made of the purchase by Mrs. Laura M. Meyer, Marcy, N. Y., of a number of high-class Holsteins from Brookside herd, owned by the Stevens Brothers-Hastings Company, Lacona and Liverpool, N. Y. The shipment consisted of Pontiac Champion, a son of the world's record heifer, Pontiac Columbo, and several granddaughters of the noted cow, Jessie Veeman A. Mrs. Meyer has recently secured from the same herd, Jessie Veeman De Kol 2d, another grand-daughter of Jessie Veeman A., and a heifer of similar breeding to the others, and also representing an unusually high order of individual excellence. Messrs. Stevens & Hastings pronounce her one of the best heifers ever shipped from Lacona, and when it is further taken into account that her next calf will be sired by King of the Pontiacs, one of the leading young bulls at the head of Brookside herd, it will be seen that the purchase is one of more than ordinary importance. It may be added that King of the Pontiacs has the reputation of being one of the greatest young bulls of the breed living at the present time. His dam, Pontiac Lunde Hengerveld, with her production of 28.46 pounds of butter in seven days, is the largest record daughter of the world's champion A. R. O. sire, Hengerveld De Kol; and his sire is Pontiac Korndyke, whose daughter, Pontiac Rag Apple, recently made an official record as a four-year-old of 31.62 pounds of butter in seven days, which is the largest official record ever made by a heifer of her age, and the second largest ever made by a cow of any age. Inasmuch as the dam of Pontiac Rag Apple is a daughter of Hengerveld De Kol, it will be seen that she carries 75 per cent. of the same blood as King of the Pontiacs.

Representatives from Cornell Agricultural College are conducting official tests in Brookside herd almost constantly, a fact of considerable importance to intending purchasers, as it frequently happens that the value of an animal secured from this herd is largely increased by the records of others closely related. At the time of Mrs. Meyer's purchase of the young bull, Pontiac Champion, his dam had the distinction of having made 19.46 pounds of butter in seven days, under 2½ years old, which has stood as the world's champion record in this class for two years. Last June, however, this remarkable heifer was again tested, 567 days after calving, and produced over 13 pounds of butter in seven days. This record, after being in milk almost 19 months, has no parallel in the history of the breed, and when it is further considered that she is due to freshen during the present month it will be seen that she has demonstrated the staying qualities of the breed in a more remarkable manner than any other Holstein ever tested. In order to qualify for admission to the advanced register of the Holstein-Friesian Association, it is necessary for a heifer to produce, at the age of Pontiac Columbo when she was first tested, nearly 10 pounds of butter in seven days. This amount Pontiac Columbo practically doubled in her first record, and the fact that tested almost 19 months later she exceeded advanced registry requirements by more than three pounds, established her reputation as the greatest heifer the breed has ever produced, not only in capacity, but in ability to hold out. It is hardly necessary to say that this later record of Pontiac Columbo adds largely to the value of Mrs. Meyer's bull. It would

certainly be a difficult matter to find one at the present time representing a stronger combination of the best breeding, or one more worthy to head a herd of pure-bred Holsteins.

Mrs. Meyer is well known in educational circles, having been school commissioner in her district some years ago, and she is now carryng out in the management of her herd the same principles of thorough administration that contributed to her success in the educational field.—*Utica Press.*

### A Profitable Cow.

A good example of what the Holstein cow will do in the hands of the average dairy farmer is furnished by Mr. Fred C. Clark, Victoria, P. E. I. Mr. Clark writes:

"I am sending you the yearly milk record of Jacoba E., bred by Logan Bros., Amherst Point, N. S. We began weighing March 20, 1905, and weighed every milking with the exception of the week she spent at the "fair," which was estimated from previous week. Regular samples of milk were taken from six or eight consecutive milkings and tested by our creamery man, from whose figures the amount of butter is taken. As correct an account as possible was kept of feed consumed, and when charged her at the following figures, roots $2 per ton, hay $10 per ton, grain and meal $1 per hundred, and pasture and green feed $12 for season, make a total cost of $40.55. Her monthly amounts of milk were as follows: March, 464; April, 1231; May, 1170; June, 1092; July, 1208; August, 1170; September, 1003; October, 1221; November, 791; December, 638; January, 661; February, 559; March, 341; total, 11,449 lbs. milk and 515 lbs. estimated butter. Her milk at average price received at Tryon creamery, where the milk was sent, amounted to $93.70, and the skim milk at 20 cents per hundred was worth $20 more, or a total of $113.70, which, after deducting the cost of feed, leaves to her credit a total of $73.15, to say nothing of a bouncing heifer calf. I consider the use of scales and keeping a daily record of great value in a dairy herd, as I am convinced that Jacoba E. gave several thousand more than the previous year, as we were able to keep track of how she was doing, and took greater interest in the work.—Farming World.

### Sleepy Hollow Herd Sold.

The famous herd of Holsteins owned by Mr. R. M. Hotaling, and known as the Sleepy Hollow herd, has been sold, together with the ranch equipment, to Mr. S. Herzog, of San Rafael. We are advised by Mr. P. H. Davis, Mr. Hotaling's manager, that it is the intention of the new owner to increase the milk stock to the limit of the facilities of the ranch, and he now desires to dispose of 100 head of heifers and bulls that are under two and a half years. Mr. Davis has been engaged to assist in these sales, and his long experience with this herd is assurance that prospective buyers will receive good attention.—*Pacific Dairy Review.*

### The Hired Man.

Thrashing time gives you a good chance to size up your help. Some of the boys will suddenly manifest symptoms of a severe cold, or succumb to an attack of what they call indigestion; so it would never do to put them into the dust and dirt of the straw mow. However, with commendable ambition they will volunteer to drive team or help load bundles in the field, and there they stay until the worst is over.

—:o:—

A good man can be depended upon to look closely after the details in his department. An employer's time is worth too much to be spent in locating a pick-axe, stopping up a hole in the bottom of a grain box, finding out when the wagon axles were greased, or attending to the innumerable little matters that an efficient employe will always look out for.

—:o:—

Wanted—Men endowed with common sense. During the proprietor's absence a number of calf pens are to be cleaned. The instructions have been, since haying, to top dress the meadows, but the intelligent hired man knows that straw and coarse manure would interfere seriously with mowing and raking the next hay crop, so he varies the regular programme and scatters the contents of the pens on the plough land. A hundred similar illustrations might be given, but the moral of each would be the same—if you have any judgment, use it.

—:o:—

Deliver us from the man who has spells of sulking, and the man who talks too much, and the man who takes no interest in his work. Such a man may be able to do two days' work in one; he may be handy with tools—a jack of all trades, and one of the best all-around men on the farm (when he feels in the right mood)—but you don't know what minute he will go wrong; he is sure to make trouble among the rest of the help, and no matter how good a man he may be at particular times he soon will become intolerable and you will be mighty glad to see him go. Such a man never stays long in one place.

—:o:—

When you're in a big hurry yourself it's rather provoking to see your man leisurely taking his time. Snap and dash are qualities that count on the farm, especially when an important piece of work needs doing in the quickest possible time.

—:o:—

If a man wants to double his wages, his best plan is to double his efforts for the success of the business and make himself twice as valuable to his employer as any other man on the job.

—:o:—

A sunny disposition, an even temper, constancy of purpose, and all the qualities that tend to efficiency and absolute trustworthiness are to be cultivated by the employe who would achieve the greatest success, and who would some day find himself an independent landholder instead of a common hired man. —*Eugene M. Hastings, Lacona, N. Y.*

### The Farmer as a Veterinarian.

How far can a farmer safely and profitably go in attending to his stock when they are suffering from disease and injury? The question must be answered differently in different places. In some suburban districts, where a high grade veterinarian is of easy access, the farmer's part in the matter will be that of first aid, but in remote places he must be his own doctor or let his stock go without attendance, and perhaps lose them.

What should he have for giving the necessary care to his stock? First—A case of cattle instruments such as here

illustrated, containing also a milk fever apparatus. This outfit allows him to treat milk fever, obstructed teats, bloat in cattle, flatulent colic of the horse, and by means of the thermometer to ascertain the temperature of all sick animals. This represents the least the farmer must have. Second—In addition to this the "up-to-date" man will have his own tuberculin outfit for testing cattle for tuberculosis, a Garget apparatus, a dose syringe, a rectal syringe and an artificial impregnator. If this outfit, which may be obtained from George P. Pilling & Son Co., 2222 Arch street, Philadelphia, Pa., is well cared for it will more than repay for its cost every year, and one case of milk fever saved will pay for the entire outfit half a dozen times.

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| "ELMCO" Standard Middlings, | " " " " | 25.00 |
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# Washington Letter.

**Sugar Beet Culture in Europe—Philippine Tariff Bill—Coming Session of Congress—Denatured Alcohol.**

*Special Correspondence.*

According to statistics received by the Department of Commerce and Labor there has been a very noticeable falling off both in the acreage and in the production of sugar beets in European countries. In Russia, Sweden, Spain and Italy there has been a slight increase in the acreage, but in all other countries a falling off. The increased acreage in the countries mentioned resulted in a small increase in production therein. The stattistics are taken from the report of the Belgian Statistical Bureau, and are supposed to be comparatively correct. According to the figures the acreage is as follows:

| Countries. | Acreage. 1905. | 1906. |
|---|---|---|
| France | 649,884 | 469,498 |
| Belgium | 170,502 | 148,262 |
| Holland | 118,610 | 108,725 |
| Germany | 1,156,448 | 1,097,143 |
| Austria-Hungary | 916,757 | 845,097 |
| Russia | 1,299,769 | 1,398,610 |
| Sweden | 66,718 | 74,131 |
| Denmark | 37,065 | 37,065 |
| Spain | 79,073 | 81,544 |
| Italy | 91,428 | 93,899 |
| Greece, Switzerland. | 37,065 | 34,594 |
| Total | 4,623,319 | 4,388,568 |

* * *

It is reported here that the President will make a most determined effort at the coming session of Congress to secure the passage of the Philippine tariff bill that was side-tracked by the Senate committee at the last session. There is no doubt the movement will meet the same vigorous opposition from tobacco and sugar growers it encountered last winter. It will be remembered that one of the arguments last winter, by those who advocated the reduction of the tariff, was to the effect that the tobacco raised in the Phillippines was of such an inferior grade it could not find a market in this country to any extent. On the other hand the tobacco-growers contended, if tobacco was admitted free, Americans would introduce into the islands American methods of cultivation, and thus materially improve the grade of the product. In regard to sugar ,the cane and the beet-growers will combine to resist the pasage of the bill. Last winter there was a division in the ranks of both parties on the question. A majority of the Democrats opposed because they wanted absolute free trade; others supported because it was in that direction. Revisionists and stand-patters divided even among themselves.

* * *

The coming session of Congress will only last until March 4, and aside from the appropriation bills not a great deal can be transacted in that short ime, but many measures of importance wil be before that body. Several important measures were held over at the last session and will likely come up again at least for discussion. Among the most important of these may be classed the bill to revive our merchant marine and the eight-hour law. The latter is of not so much moment to the agricultural classes, but the first is one of great importance. The bill was supported by the President and was promptly passed by the Senate, but was held up in the House, it has been stated, by Speaker Cannon. An American merchant marine is one of the necessities for the prompt conveyance of American products to foreign markets. American farmers and manufacturers have been handicapped because the carrying trade of the oceans has been in the hands of other nations.

* * *

Now that the law provides for denaturing alcohol, new methods of producing alcohol are being sought, as well as new materials out of which it may be extracted. The discussion may result in finding a market for much of the material now counted as waste on American farms.

**Success.**

$ucce$$ $eem$ $olely $ignified by $,
And nothing count$ but cold and clammy ca$h;
Ju$t think of all the geniu$e$ and $cholar$
Who, lacking coin to adverti$e, go $ma$h.

—*Edwyn Stanley.*

**Nine of M. S. Nye's Holstein Heifers Make Large A. R. O. Records.**

Tested by a representative of Cornell Experiment Station, De Kol Sadie Vale, 4 years old, made 68.5 lbs. of milk in one day, 20.04 lbs. butter in 7 days; De Kol Paul Sadie, 4 years, 19.26 lbs. of butter in 7 days; Dot Monarch De Kol, 4 years, 80.5 lbs. milk in one day, 18.71 lbs. butter in 7 days. This is a sister of Dora Dot Ononis that made at 5 years 86.7 lbs. of milk in one day, 21.59 lbs. of butter in 7 days. Ononis Monarch De Kol, 4 years, 70 lbs. of milk in one day, 16.69 lbs. butter in 7 days, 75 days after calving. Bessie De Kol Paul Concordia, 3 years, 63 lbs. of milk in one day, 17 lbs. butter in 7 days. This heifer in 1905 won first prize at New York State fair and champion over all females over two years. She is full sister to De Kol Concordia, that made 18.55 lbs of butter in 7 days at two years, and 20.05 lbs. of butter in 7 days at three years, 80.4 lbs. milk in one day. Dot Monarch De Kol Paul Vale, 2 years old, 56 lbs. of milk in one day, 18.57 lbs. of butter in 7 days. Duck Homestead De Kol, 2 years, 60 lbs. milk in 1 day, 16.56 lbs. of butter in 7 days. Dot Pauline Sadie Vale, 1 year, 11 months, 71 days after calving, made 42.5 lbs. of milk in one day, 11.70 lbs. butter in 7 days. Onda Crown De Kol Vale, 1 year, 9 months, 78 days after calving, 34 lbs. of milk in one day, 9.9 lbs. of butter in 7 days.

These heifers were all bred, developed and tested by their present owner. These are believed to be the greatest producing lot of heifers ever officially tested in a bunch together; a number of them will win prizes from the Holstein Association unless the breeders make larger records this year than they have ever made before in one year.—*Cortland Democrat.*

# Field Notes.

Note in another column the sale of Sleepy Hollow Ranch.

—:o:—

Mr. M. P. Roberts, formerly of the firm of Guild & Roberts, Rupert, Vt., was recently elected to the State Senate.

—:o:—

The annual meeting of the New York State Breeders' Association will be held in the City Hall at Syracuse, N. Y., Tuesday and Wednesday, Dec. 18 and 19, 1906.

—:o:—

The regular monthly meeting of the Holstein-Friesian Breeders' Club of New York will be held in the assembly room, Yates hotel, Syracuse, Wednesday, Dec. 19, 9 a. m.

—:o:—

We notice in the report for the week ending November 3, the transfer of Shadybrook Gerben from H. C. Hoskier to M. E. Moore, Cameron, O. Evidently Mr. Moore didn't care to see such bovine prostitution going on any longer.

—:o:—

The National Fanciers' and Breeders' Association will hold their eleventh annual poultry, pigeon and pet stock show in Chicago, Jan. 23 to 30, inclusive, 1907. Lists will be ready Dec. 15, 1906. Address Fred L. Kimmey, 325 Dearborn street, Chicago, Ill.

—:o:—

Maine Agricultural Experiment Station Bulletin, No. 131, contains analyses of Indian corn products, and an account of digestion experiments in which corn formed a large part of the diet. It shows that corn, when properly cooked, does not differ wdely in digestibility from wheat.

—:o:—

The Agricultural Experiment Station at Stillwater, Oklahoma, will give its third annual farmers' short course in stock judging and seed selection during the week of Jan. 7-12, 1907. John Hamilton and A. D. Shamel, of the Department of Agriculture; Jos. Wing, of Mechanicsburg, O., and A. P. Grout, of Winchester, Ill., will assist the station staff.

# Breeders' Bulletin Board.

Oneida, N. Y., Nov. 22, 06.

Holstein World,
Ithaca, N. Y.

Gentlemen:—Enclosed find check for $9.00, in payment of enclosed invoice. Kindly change our ad. as per enclosed copy, beginning with next issue.

Referring to our advertising with you, will say our sales for the past month have reached far beyond our expectations and have included consignments to Massachusetts, Vermont, Indiana, Florida and several New York towns, some of which were influenced through our advertising with you.

We still have on hand a very choice lot of heifers and young cows, and would like very much to close out fifteen or twenty head to a quick buyer, to furnish us more room for the increase of our herd.

We are very much pleased with the results derived from our advertising with you, and will also state that your breezy little journal is read from cover to cover each issue, and we cannot say too much in favor of the black and whites as the greatest of all breeds as money-makers.

Wishing you success, we are,
Yours very truly,
RIVENBURGH BROS.

Star Farm,
Cortland, N. Y., Nov. 21, 1906.

To Holstein-Friesian World,
Ithaca, N. Y.

Gentlemen:—

Sales of registered Holsteins from Star Farm are heavier now than ever before. The importance of these sales make them a subject of interest to every dairyman. Among the most important I would mention:

To Earnest Moore, of Rome, N. Y., I sold the registered bull named Belle Korndyke Lotta Prince, reg. No. 38792. This was a grand individual and richly bred, and Mr. Moore showed this bull at some of the fall fairs, taking first prize in strong competition and over older breeders.

To Mr. John D. Wilson, of Ashville, N. Y., I sold for foundation stock two grand individual registered heifers named Manor Van Friesland Aaggie, reg. No. 77219, and Aaggie Van Friesland Bona, reg. No. 77222.

To Mary F. Denmead, of Baltimore, Md., I expressed a grand service bull, named Wit Duchess Prince of Wayne, reg. No. 36159.

To Mr. C. E. Kemmier, of Bethlehem, Pa., I sold one of my best service bulls to head his herd, named Appoline De Kol America, reg. No. 61469. Another registered Star Farm service bull, named Prince Beryl Wayne Idola, reg. No. 38363, was sold to Augustus Elmandorf, of Kingston, N. Y., and still another Star Farm service bull of Mercedes breeding was shipped to Mr. G. A. Leroy, of New York.

To Mr. W. F. Vernon, of Pennsylvania, I shipped one of my richly bred Holstein cows, and to Mr. Harry H. Rheinhurst, of Spring City, Pa., I shipped a pair of young registered heifers, Hazel De Kol Pietertje, reg. No. 79803, and Wooderest Korndyke De Kol 2d, reg. No. 40334.

I realize that your columns are crowded with announcement of these sales, and for this reason I am unable to give any extended notice of the pedigrees and breeding of these animals. Suffice it to say they were all choicely bred and were typical Star Farm animals, well calculated to please the purchaser and to prove the source of profit.

HORACE L. BRONSON.

**NUGGETS.**

The hog's mathematical bent—square root.

* * *

Much drinking maketh a full man.—*Horse World.*

* * *

Running expense—chasing the cashier fleeing with the bank funds.

* * *

It has been said that the best advice most people can give is, "Do as I don't."

* * *

Statesmen seek the welfare of the people; politicians seek to plunder them

* * *

The real pleasure of life is in the game, not in the possession of a goal at the end.

* * *

Nobility of virtue is the only true nobility, but the nobility of wealth seems to be the nobility most sought.

* * *

It's the middle class of society that support the railroads. The poor can't afford to ride; the rich ride on a pass.

* * *

It is not the unworking tramp who is the greatest burden to the country, but the unworking rich man, whose cumulative demands must be satisfied.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Breeder, the Dairyman and the General Farmer.

Entered at the Ithaca (N. Y.) postoffice as second class mail matter.

Issued the 1st and 15th of every month.

C. G. BROWN, B.S., B.S.A.,
Editor and Publisher
ITHACA, N. Y.

DEPARTMENT OF ANIMAL HUSBANDRY.
H. H. WING, M. S. A....Cornell University

DAIRY INDUSTRY.
H. A. HOPPER, B. S. A....Univ. of Illinois

THE STUDY TABLE.
SOLOMON HOXIE.....Ithaca, N. Y.

INFECTIOUS DISEASES OF CATTLE.
V. A. MOORE, B. S., M.D..Cornell Vet. College

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Subscription price, One Dollar per year, in advance. Three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

The date on the yellow mailing tag attached to the wrapper of each paper indicates the time to which subscription is paid.

We do not stop papers without being notified to do so.

Advertising rates sent on application.

Illustrations, when furnished will be inserted free of charge. Cuts procured at cost when desired.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts should be made payable to

C. G. BROWN.

Office of publication, 130 Hazen street, Ithaca, N. Y.

All matter for publication must reach the editor by the 8th and 24th of the month to insure appearance in current issue.

Members of the Faculties of all Agricultural Colleges, and Experiment Stations; all subscribers, and anyone having anything of interest to the readers of this journal are invited to contribute to its columns.

**Special Offers.** The HOLSTEIN-FRIESIAN WORLD to one subscriber one year on trial for 50 cents in advance. Old subscribers may renew as follows:

One renewal and one new subscription $1.00 in advance.

One renewal and two new subscriptions $1.30 in advance.

One renewal and three new subscriptions $1.50 in advance.

Thus for three new subscriptions one renewal is given free.

These special offers are made for the express purpose of extending the circulation of this paper. To all subscribers who for any reason cannot assist in this campaign, we will say that there is a standing offer at the head of this column of three years to one subscriber for $2.00 in advance; five years for $3.00 in advance. Breeders' Directory, $1.00.

# Editorials.

**"Get Busy."** Many subscribers of the HOLSTEIN-FRIESIAN WORLD have either received a statement of delinquent subscription or will receive one in the near future. We trust that no one will lay this statement aside until the matter is forgotten, but that each wll send in a remittance at his earliest convenience.

Printers do not work for "fun" any more. They expect their pay on the stroke of the clock. Any failure in this respect would endanger the appearance of the paper.

In this connection we wish to call your attention to the "Special Offer" that appears in the first column of this page. Here you will see that by sending one new subscription at the special rate of fifty cents for a trial year you can get your subscription renewed for one year at the same rate; by sending in two new subscriptions you get a renewal for one year at thirty cents; for three new subscriptions at fifty cents each you get a year's renewal free.

We wish every subscriber of this journal, and every well-wisher of the breed would look at this matter earnestly. You are not getting new subscribers simply for the sake of getting your renewal free, every new subscription advances the welfare of the breed. If you are an advertiser (and every Holstein breeder for his own direct financial interest should be represented in its columns at least to the extent of the entry of his herd in the Breeders' Directory) your labor will result in direct and immediate benefit.

Suppose that every subscriber to the HOLSTEIN-FRIESIAN WORLD should do a little missionary work among his neighbors and business acquaintances for the WORLD, can any one doubt that it would result in a flood of new subscribers? Can any one conceive that this would not be beneficial to the breed and react in a direct benefit to each breeder? A little effort from every subscriber would be a mighty power in the aggregate. We can hardly see how that any breeder can be indifferent to any paper that persistently and insistently seeks to advance the interests of the breed.

Referring to our special offer again, suppose that you are owing for the paper for two years, this at the regular rate would amount to $2.00. Put another dollar with it, making the amount $3.00. This would cancel your two years' back subscription and send the paper a whole year to six of your neighbors. This would make six additional Holstein men, if they are not already such. They would eventually join the Association and pay a $25.00 membership fee, and buy at least six Holstein bulls. But this is not all; for the extra $1.00 that you send we will enter your herd in our "Breeders' Directory" for one year without other charge. Let me recapitulate: With $3.00 you can pay up two years' back subscription, or forward subscription either, get your herd published in the Breeders' Directory for one year, and send this paper to each of six new subscribers for one year. If you get 50 cents from each new subscriber, you will be $3.00 ahead.

If you ask a man to subscribe and he tells you that he is taking Hoards' Dairyman, the Rural New Yorker, the Country Gentleman or the Register, don't commence by criticising those papers. Don't say that Hoard's Dairyman is too much Guernsey and Hoar, the Rural New Yorker mostly Spencer-seedless-apple, the Country Gentleman a little of everything and not much of anything, and that the Register never has an editorial over an inch long. These papers are all good papers, and I wouldn't have any one of these papers stopped in order to put the WORLD in its place. Rather tell your neighbor, even though he is takng all four of the above papers, that the WORLD will be worth more to him in a year than the price of subscription, and that if at the end of the year he does not think so, the editor has agreed to refund his subscription money on return of the papers, postage prepaid. Now, gentlemen, "get busy."

### Epitaph.

*Wadsworth was worth wads of money,*
*But he danced the Can-Can with Miss O'Leo*
*Until the hard Grout came up and swatted him.*
*Now his wads are worthless,*
*And he can't-can't dance any more.*
*Remember Wadsworth and O'Leo.*

### New Advertisements.

Good position for a good man at T. A. Mitchell's. See "Man Wanted."

Bull calves from Clothilde De Kol Alban, $25. Sunrise Herd, Bainbridge, N. Y.

See full page ad. by Stevens Bros.-Hastings Company: "Bulls 'Till We Can't Rest."

Choice young A. R. O. cows, fresh and springers, at Fairview Farm, Pennellville, N. Y.

A bull calf, both ancestral lines rich in De Kol 2d blood, for $40. Frank Connell, DeRuyter, N. Y.

A yearling heifer and bull calf from A. R. O. dam for $100. Springbrook Farm, Rhinebeck, N. Y.

Fashionably bred registered cows and heifers at one-half their value. Hillhurst Farm, Oneida, N. Y.

Pleasant Valley Stock Farm must sell 50 head of registered Holsteins by January 1st. Low prices guaranteed.

Registered Holsteins form one of the choicest herds in Massachusetts. DeWolf Stock Farm, Huntington, Mass.

Holstein bull calves sired by a son of that great cow, Tidy Abbekerk, 27.28 in seven days; also Collie puppies from imported sire and registered dam. W. M. Hallock, Spencer, N. Y.

# Who Wants?

A Bull born April 6, 1903 sired by DeKol 2nd's Butter Boy 3rd, who has eight daughters that have made A. R. O., records of 22 pounds each. His dam is Grace Pietertje Pauline De Kol 21.8 pounds, a daughter of Aaggie Grace 2nd's Pietertje, 23.9 pounds, and Paul Beets De Kol who has over 60 daughters A. R. O. Price $175. He is a successful prize winner, is in fine condition, and gets over 60 per cent heifer calves. Write for further information. **J. D. HAGAN, Mannsville, Jefferson Co., N. Y.**

## GRAND OPPORTUNITY

Having rented one of our farms, I must sell 50 head of Registered Holstein Cattle by January 1st.

**3 Choice A. R. O. Service Bulls with Big Backing. A Fine Lot. All Ages. Low Prices.**

**Don't stop to write but come at once and look them over.** Farms reached by suburban trolley from Syracuse to Manlius, or from Cazenovia, which is on the Chenango branch of the West Shore and Lehigh Valley R. R. **C. F. HUNT, Manlius, N. Y**

## FOR SALE

**HOLSTEIN-FRIESIAN BULL CALVES**

Sired by Tidy Abbekerk Prince, whose dam Tidy Abbekerk has an A. R. O., of 27.28 pounds of butter in 7 days, is owned by the Messrs. Field and acknowledged to be "one of the greatest producers in the world." His sire is Sir Cornelius Posch a show bull of Canada, calves are well marked, two largely white, and from first-class dams. Collie Puppies, sire imported, dams registered, and fine drivers. Prices right. **W. M. HALLOCK, Spencer, N. Y.**

## Holstein-Friesian Bull.

Born Nov. 13, 1905. Ready for service. Finely marked. A good show bull. Sire is Butter Boy Pietertje (sire of 16 A. R. O cows), whose dam is Aaggie Grace 2d's Pietertje, 23 pounds, 8.04 oz. in 7 days. Dam of calf is Floa Pietertje Clothilde, 15¼ pounds butter in 7 days, as a three-year-old, milked but twice per day. First check for $75 takes him. **KNAPP & PIERCE, East Claridon, Ohio.**


A bull dropped April 6, 1903, a son of De Kol 2d's Butter Boy 3d and Grace Pietertje Pauline De Kol, 21.8 lbs., in seven days, $175. J. D. Hagan, Mannsville, N. Y. A bargain for some one.

White pine and spruce planer shavings from seasoned lumber make the best bedding for stock attainable. Cattle will not eat them. They absorb all moisture and keep the cows clean, besides being nicer to handle than straw. Write to Oscar Smith & Son, Albany, N. Y., for prices, etc.

## Home Circle.

### Liberty.

What man is there so bold that he should say:
"Thus and thus only would I have the sea?"
For whether lying calm and beautiful,
Clasping the earth in love, and throwing back
The smile of heaven from waves of amethyst;
Or whether, freshened by the busy winds,
It bears the trade and navies of the world
To ends of use and stern activity;
Or whether, lashed by tempests, it gives way
To elemental fury, howls and roars
At all its rocky barriers, in wild lust
Of ruin drinks the blood of living things,
And strews its wrecks o'er leagues of desolate shore—
Alwyas it is the sea, and all bow down
Before its vast and varied majesty.
And so in vain will timorous men assay
To set the metes and bounds of liberty,
For freedom is its own eternal law;
It makes its own conditions, and in storm
Or calm alike fulfills the unerring will.
Let us not then despise it when it lies
Still as a sleeping lion, while a swarm
Of gnat-like evils hover around its head,
Nor doubt it when in mad, disjointed times
It shakes the torch of terror, and its cry
Shrills o'er the quaking earth, and in the flame
Of riot and war we see its awful form
Rise by the scaffold, where the crimson axe
Rings down its grooves the knell of shuddering kings,
For always in thine eyes, O Liberty,
Shines that light whereby the world is saved,
And, though, thou slay us, we will trust in thee. —*John Hay.*

### Selections.

*Of our swift passage through this scenery*
*Of life and death, more durable than we,*
*What landmark so congenial as a tree*
*Repeating its green legend every spring,*
*And with a yearly ring,*
*Recording the fair seasons as they flee.*
*Type of our brief but still renewed mortality?*
*We fall as leaves; the immortal trunk remains,*
*Builded with costly juice of hearts and brains*
*Gone to the mould now, whither all that be*
*Vanish returnless, yet are procreant still*
*In human lives to come of good or ill,*
*And feed unseen the roots of Destiny.*
—*Lowell.*

### Conscript of 1813.

A CONTINUED STORY.

*Translated from the French by the editor of the H.-F. World.*

But that which remains uppermost in my mind, that which I can never forget, should I live a hundred years, it was when far away I thought I heard the sound of words. Oh! how it aroused me . . . how I listened . . . how I raised myself upon my arm to cry for help! It was yet night; nevertheless a little of day already streaked the sky; far away, through the rain that filled the air, a light moved in the midst of the field; it moved at random, stopping here and there, and I saw some dark forms bending down; they were only confused shadows, but others beside myself saw this light, for on all sides sighs arose in the night, plaintive cries, voices so feeble that one would have said of little children who called their mother.

What is life? Of what does it consist that one attaches to it so great price? This miserable breath that brings us so many tears, so much suffering. Why do we fear to lose it more than all else? That we keep it to the last, the least fare of death causing all in us to shudder?

Who knows? Men have asked from century to century; all think upon it, but none can answer.

In my desire for life I looked to this light as a drowning man looks to the

**Pilling CATTLE Instruments**

Pilling instruments are just the thing for dairymen and farmers. By their use you can cure your own cows and save the expense of a veterinarian—no special skill required.

*Pilling Milk Fever Outfit* for air treatment, a method that cures 97 per cent of cases treated, recommended by the United States Agricultural Department, with full directions, $3.00. *Cattle Trocar* for bloat, 1.50. *Teat Bistoury*, $1.50. *Improved Teat Opener*, 75c. *Patent Coin Silver Milk Tubes*, 50c.

Pilling Cattle Case, containing Milk Fever outfit and eight other cattle instruments, needed by every dairyman. Complete in case, $10.00, value $14.25. Dont miss this opportunity. Write at once for our free descriptive pamphlet. **DO IT TODAY.**

**G. P. PILLING & SON,**
**Philadelphia, Pa.**
**2222 Arch St.**


# Animal Husbandry.

***Questions pertaining to breeding, feeding, testing and care of live stock and kindred topics answered by Prof. H. H. Wing of Cornell University. All questions for this department may be sent direct to Prof. H. H. Wing, Ithaca, N. Y. "Ask and ye shall receive."***

shore; my heart palpitated with hope. I tried to cry, but my voice went no farther than my lips; the noise of the rain in the trees and on the roofs drowned all. In spite of this I said to myself: "They will hear me . . they will come!" I seemed to see the lantern ascend the path of the garden, and the light grow brighter at each step, but after wandering about some time it slowly entered a fold in the ground and disapeared.

Then I fell back unconscious.

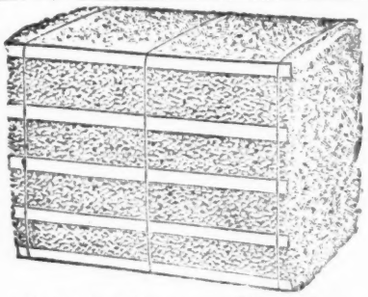
It was at the end of a long shed—posts all around—that I returned to myself. Some one gave me a drink of wine and of water. On opening my eyes I saw an old soldier with gray mustaches, who raised my head and held the goblet to my lips.

"Ah, well," said he to me, with an air of good humor, "this is better?" And I could not help smiling at him to think that I was still alive. My breast and left shoulder was solidly bandaged, and I felt there a burning sensation, but this was no matter—I lived!

At first I regarded the great beams that formed a network above me, and the tiles, where the day entered in many a place; then I turned my head and recognized that I was in one of those vast sheds where the brewers of the country store their casks and their wagons. All around, upon mattresses and piles of straw, were rows of wounded, and towards the middle, upon a large kitchen table, a surgeon and his two aids, with their sleeves rolled up, were amputating the leg of some soldier; the wounded man was groaning. Behind them was a heap of arms and legs, and each can imagine for himself the ideas that passed through my head.


**Lakeland Farm Bulls.**

**Yearlings and Calves** of the highest breeding, from A. R. O. dams, many of which are daughters of Pietertje Hengerveld's Count DeKol, who now has **Sixty-three** A. R. O. daughters. Come and see them or write and I will send pedigrees. Offices 37&38 Wieting Block, Syracuse, N. Y. **WING R. SMITH.**



**Baled Planer Shavings**
**THE BEST AND CHEAPEST BEDDING FOR ALL ANIMALS**

For delivered price in car lots address
**Oscar Smith & Son**
**Albany, N. Y.**


Five or six infantry soldiers were giving drink to the wounded; they had pitchers and goblets.

But that which made the most impresion upon me was the surgeon in shirt sleeves, who worked without hearing anything; he had a great nose and wrinkled cheeks, and complained at each minute against the aids, who gave him not quickly enough the knife, the pincers, the lint or the bandage, or who removed not immediately the blood with the sponge. This went on nevertheless not badly, for in less than a quarter of an hour they had already amputated two legs.

Outside, against, the posts, was placed a great wagon load of straw.

Just as they had placed upon the table a Russian rifleman, six feet or thereabouts in height, the neck pierced with a ball near the ear, and as the surgeon called for the little knife another surgeon passed before the shed, a cavalry surgeon, fat, short and pock-pitted. He held a portfolio under his arm and

# Specific, Infectious Diseases of Cattle.

***Professor Veranus A. Moore, M. D., of Cornell Veterinary College, Ithaca, N. Y., will answer all questions in this department.***

stopped near the wagon.

"Hi, Fore!" cried he in a joyous tone.

"What, is it you, Duchene?" replied the other turning round. "How many wounded?"

"Seventeen or eighteen thousand."

"The devil! Ah, well! Are you getting on this morning?"

"Yes; but I am now looking for a public house."

Our surgeon left the shed to press the hand of his comrade; they conversed tranquilly while the aids took a glass of wine, and the Russian rolled his eyes with an air of despair.

"You have only to descend the street, Duchene . . . in front of the well. You see?"

"Very well."

"Just in front you will find the canteen."

"Ah, good . . . thanks! . . . I am off."

The one started off and the other cried to him:

"Good appetite, Duchene!"

Then he returned to the side of the Russian, who awaited him, and commenced by opening his neck from his head to his shoulder. He worked with an air of bad humor, and said to the aids:

"Come now, gentlemen, come now!"

The Russian groaned, as one can imagine; but the surgeon paid no attention, and finally, throwing a ball on the ground, he put a bandage on him and said:

"Take him away!"

The soldiers lifted the Russian from the table and laid him upon the straw in the row with the others, and brought forward his neighbor.

*To be continued.*

**Stevens Bros.-Hastings Co.**

# BULLS TILL WE CAN'T REST

**We will just mention a few, perhaps some of them will come in your class, it so we will be pleased to give you a complete description, full breeding, color markings and lowest price**

**1 Brookside Pontiac Chief** born April 13, '06. *Sire,* A & G Prince Pietertje De Kol. His dam, sire's dam and sire's sire's dam all have creditable records. *Dam,* Pontiac Clothilde Hengerveld, without question one of the greatest of our thirty odd Hengerveld De Kol daughters. At 4 years old she averaged over 5 per cent. fat for one week, and last spring produced 22.57 lbs. butter in 7 days, one of the most persistent milkers in the herd. *She is a full sister to the dam of the great Pontiac Rag Apple, the greatest cow on earth.* We believe the dam of Brookside Pontiac Chief is capable of 25 lbs. and over when she again freshens. Without doubt she is as good a cow as we ever owned.

**2. Brookside Topsy Paul** born May 13, '06. *Sire,* De Kol 2d's Mutual Paul, son of De Kol 2d, who has done more for the breed than any other cow. De Kol 2d's Mutual Paul is proving a great sire. He already has a yearling daughter with nearly 16¼ lbs. to her credit, a 3-year-old with 25½ lbs., and many others with large records. He is the leading service bull at our Liverpool Farms. *Dam,* Topsy De Kol Burke, 15.6 lbs. in 7 days at 2 years, 1 month. She is by De Kol Burke and our Aaggie Topsy De Kol, with 29.57 lbs. in 7 days, and 113.96 lbs. in 30 days, making her fourth largest record cow in the world. Many times she has taken the Association's first prize both in 7 and 30 day tests. The "Topsy" family is fast coming to the front.

**3. Brookside Admiral Corona** born April 3, '06. *Sire,* Admiral Mercedes De Kol; his dam and sire's dam each have over 24 lbs. to their credit. *Dam,* Empress Corona De Kol, 15.42 lbs. in 7 days at 3 years. She was sired by a son of Sadie Vale Concordia, 30.64 lbs. in 7 days, and 104 lbs. milk in one day.

**4. Brookside Sir Jantje** formerly at the head of Mr. Moyer's herd, then a born Oct. 7, '05. *Sire,* Sir Korndyke Manor De Kol, year in our herd and now at the head of the herds of H. H. Waite and Henry Stevens & Son. His dam has 24.4 lbs. in 7 days; her dam, Belle Korndyke, 25.77 lbs. He was sired by De Kol 2d's Butter Boy 3d. *Dam,* Anna Jantje (Imported), at 3 years 19.72 lbs. Selected in Holland by Mr. T. A. Mitchell and Mr. Ward W. Stevens. Believed to be as good as any of the 50 head imported.

**5. King of the Veemans** born April 29, '05. A show animal. *Sire,* De Kol 2d's Butter Boy 3d. *Dam,* Jessie Veeman A., 26¼ lbs. in 7 days. She has 6 A. R. O. daughters, and is the foundation cow of one of the best families of the breed. It would take a whole page to do this bull justice.

**6. Prince Lilith Netherland** born Feb. 12, '06. *Sire,* Lilith Pauline De Kol Beryl. His dam is a 28 lb. 4-year-old, who also has many other large records, and believed by many the best daughter of the famous De Kol 2d's Paul De Kol. *Dam,* Moneta Pietertje Netherland, 19.45 lbs. at 3 years. She was eleventh in class for 3 to 3½ year olds last year.

**7. Prince Midland Waldorf** born April 23, '06. *Sire,* Beryl Wayne Paul Waldorf; his dam 22¼ lbs., sire's dam 27⅞ lbs., sire's sire's dam 26.57 lbs. *Dam,* 17.97 lbs. Her dam, sire's dam and sire's sire's dam, all have good records. She is a sister to Mesrs. Fields' De Kol Creamelle, and in breeding and as an individual is one of the best daughters of Pietertje Hengerveld's Count De Kol.

**We are averaging to sell a bull a day, but still have over 60 on hand. We are sure we can suit you both in quality and price.**

With the exception of No. 5, the dams of the bulls mentioned are young, and we have every reason to believe will increase their present records.

We test nearly all of our cows, as they come fresh. Seven have made from 20 to 24¾ lbs. These all had bull calves.

**STEVENS BROS.-HASTINGS COMPANY,**

**Lacona and Liverpool, N. Y.**

**FAIRVIEW FARM** Offers some choice young A. R. O. Cows, fresh and nearly springers. Also a few extra well-bred Bulls at very reasonable prices. Come and see them. O. J. Godfrey & Co., Pennellville, Oswego Co., N. Y. **N. B—Members of this herd won more last year in 8 months class than those of any other herd.** Aaltje Salo Mercedes De Kol Prince No. 39,357 heads our herd. Seven of his nearest dams including dam and sire's dam, at 4 years, have official 7 day records above 25 pounds butter each.

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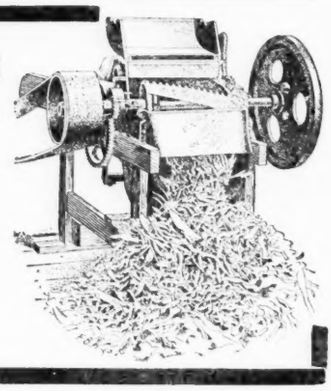


# Transfers.

### Transfers—Week Ending Oct 20

*Continued from last issue.*

Netherland Artis Hengerveld, G. H. Fleetham to H. G. Washburn, Depeyster.

Paul Arits Keyes, S. R. Fuggle to Strickland & Coon, Delphi Falls.

Pietertje De Kol Lad, A. O. Stewart to John E. Hinds, DeRuyter.

Pledge De Kol of Alene, C. C. Baldwin to Eugene Meade, Perryville.

Pontiac Chief Korndyke, S. W. Bradley to E. H. Dollar, Heuvelton.

Segis Pietertje Butter Boy 2d, G. D. Overocker to Vassar College, Poughkeepsie.

Sir Aaggie Genesta De Kol, Nelson W. Wood to Ebenezer Bull, Campbell Hall.

Sir Echo Pauline De Kol, Jason Gould to F. D. Fuller, Conewango.

Sir Pietertje Jewel De Kol, Freeborn Bros. to E. S. Damon & Son, New Woodstock.

OHIO.

Boon De Kol Butter Boy, R. A. Underwood to J. C. Rose, Andover.

John Netherland De Kol, J. L. Wisler to H. N. Detwiler, Columbina.

Junior De Kol, E. H. Dolar to E. S. Phelps, Austinburg.

Nicoline Prince, R. A. Underwood to L. P. Scott, Kinsman.

OREGON.

Paul De Hengerveld, Henry Helgerson to B. B. Goff, Forest Grove.

PENNSYLVANIA.

Leona Pender King, J. A. Rankin to W. L. Simpson, Boyce Station.

Paul Johanna Hengerveld Aaggie, B. L. Winters to St. Asylum for Chronic Insane, Wernersville.

Pine Lane Boon Paul De Kol, A. E. Robinson to G. M. Carpenter, Wilkesbarre.

Sir Johanna De Kol Butter Boy, Levi Wells to G. M. & S. S. Lyons, Wyalusing.

Tommy Pietertje, J. R. Munson to W. M. Duncan, Lawsonhim.

Violet Pledge Clothilde 4th, Edgar Huidekoper to G. P. Miler, Guys Mills.

VERMONT.

Duke Bontje De Kol, Brattleboro Retreat Farm to L. O. Bascom, Orwell.

Duke De Kol Cambridge, J. W. Hitchcock to W. S. Paine, Cambridge.

Paul Vale 3d, Wiliam E. Westgate to J. C. Wark, Windsor.

VIRGINIA.

Aaggie Wayne Sir Jewel 4th, W. M. Benninger to P. C. Huff, Roanoke.

Nansena De Kol, W. M. Benninger to C. G. Cannaday, Roanoke.

Sir Aaggie Pauline Wayne, W. M. Benninger to P. C. Huff, Roanoke.

WISCONSIN.

Barbara Sir Longfield Burke, L. G. Legler to Fred Blumer, Monticello.

Bryonia De Kol Beets, F. W. Gossling to Jewett Bros., Plymouth.

Bryonia De Kol Columbus, F. W. Gossling to August Meyer, Plymouth.

Duke of Lakeview De Kol, E. J. Fargo to Albert Weiland, Richford.

Johanna De Kol Paul Summer, A. C. Demreit & Son to L. W. Carncross, West Point.

Letchford Paul De Kol, E. J. Fargo to John Puerner, Jefferson.

Paul Piebe, E. J. Fargo to C. F. Greenwood, Lake Mills.

Prairie King De Kol, Eben T. Wescott to James F. Brady, Whitewater.

Rixa Longfield 2d, Eben T. Wescott to G. M. Gray, Ft. Atkinson.

Sir Baker King De Kol, Eben T. Wescott to Fred Krelow, Cold Spring

Sir Charles Yeslet Ormsby, T. O. O'Keefe to F. Iseloth, Plymouth.

Sir David De Kol, E. J. Fargo to W. M. Coxey, Whitewater.

Sir Maud Duchess, Horatio Ryder to H. C. Ryder, Hustisford.

Snowflake De Kol Paul, E. J. Fargo to Wm. Scheffler, Cambridge.

Sunnyside De Kol Clothilde, C. O. Ruste to Martin Haugen, Black Earth.

Teddy Mercedes De Kol, T. C. Roberts to August Schell, Watertown.

HOLSTEIN-FRIESIAN ASSOCIATION.
F. L. HOUGHTON, Sec'y,
Brattleboro, Vt.

### Transfers—Week Ending Oct. 27.

COWS.

CALIFORNIA.

Allie Clifden Netherland Parthenea, Careme 5th's De Kol, Fleur De Lys, Heimer Zee 3d's Pledge, Jettine Natsey Baker, Queltje; R. M. Hotaling to W. O. Russell, Davisville.

Dotty Cool, R. M. Hotaling to C. F. West, Galt.

Orizaba Aaggie, R. M. Hotaling to C. F. West, Galt.

CONNECTICUT.

Castine Countess De Kol, C. H. Weaver to F. S. Briggs, Suffield.

Hattie Paul, D. J. Miller to G. S. Phillips, Torrington.

Susie Berne De Kol, C. H. Weaver to F. S. Briggs, Suffield.

ILLINOIS.

Gaza Aconeth Fairmount, E. N. Upton to C. H. Durre & Son, Edgewood.

Maid of Cloverdale De Kol Johanna, A. J. Daugherity to Lewis Earnsting, Prairie View.

Pauline Clothilde De Kol 2d, E. T. Wescott to W. E. Libby, Hebron.

MAINE.

Ellen De Kol Clothilde, Henrietta De Kol Clothilde, Isabella De Kol Clothilde, Josephine De Kol Clothilde, Queen De Kol Clothilde, Wiley De Kol Cothilde; H. A. Walker to D. B. Wiley Greene.

Belle Pietertje De Kol, J. A. Snow to Chas. H. Chadsey, West Pownal.

Dorothy Alexander, C. W. Horne to E. J. Hobbs, Norway.

Norway Princess De Kol, C. W. Horne to E. J. Hobbs, Norway.

Ursula Richmond, G. K. Beckler to D. B. Wiley, Greene.

MARYLAND.

Zenana 3d's Spot, Daniel M. Cochran to Walter Shriver, Warwick.

MASSACHUSETTS.

All Pietertje, Black Bett, A. H. Shepard to D. J. Miller, Clayton.

Dinah Piersma, Henry W. Robbins to J. H. D. Whitcomb, Littleton.

Huntress Best, C. W. Wood to F. P. Knowles, Auburn.

Jessie Marks, Hermon A. Comey to E. I. Balantine, Mansfield.

Olive Ruth, Est. S. J. Gordon to Arthur A. Sibley, West Springfield.

Queen Pauline De Kol Shepard, Hermon A. Comey to E. I. Ballantine, Mansfield.

Vernon Mutual De Kol, D. H. Goodsell to M. T. Carrigan, Concord.

MICHIGAN.

Lady Akkrum De Kol Wietske, C. D. Austin to F. R. Crandall, Howell.

Lady Hopeful Wayne, Jas. D. Crosby to J. P. Blackmore, Vassar.

Nina Mutual Friend, T. H. Jackson to D. L. & K. B. B. Vanderslice, Buchanan.

Pearl of Grape, Est. J. M. Sterling to Ernest Wright, Monroe.

Sue Pietertje De Kol 3d, C. D. Austin to F. R. Crandall, Howell.

Warren Spotty, W. E. Warren to John Snyder, Fowlerville.

MINNESOTA.

Belle Homestead De Kol, Jennie Ormsby De Kol, Kappijne Homestead De Kol, Spring Brook Piebe Burke; Joel P. Heatwole to John Bollenback, Nerstrand.

Homestead De Kol of Lake Side, Joel P. Heatwole to Abe Young, Austin.

Jennie Homestead De Kol, Joel P. Heatwole & W. F. Schilling to John Bollenback, Nerstrand.

Lady Zipsy Greene, Joel P. Heatwole to Abe Young, Austin.

Queen Homestead Piebe De Kol, Joel P. Heatwole & W. F. Schilling to John Bollenback, Nerstrand.

Spring Brook Kappijne, Joel P. Heatwole to John Bollenback, Nerstrand.

NEW HAMPSHIRE.

Dinah Clothilde Piersma, Henry W. Robbins to C. S. Toppan, Hampton.

NEW JERSEY.

Ali Crescent Lady, Ali Netherland Pietertje, Stellaris Burke Overlooper, Stellaris Hengerveld De Kol 2d, Wartena Overlooper Mercedes; R. C. Reed to A. A. Cortelyou, Somrville.

Inka De Kol Butter Girl 2d, G. M. Lyon to L. E. Savacool, Newton.

May Hengerveld De Kol 2d, L. H. Myers to Herman Pomper, Bridgeton.

Queen Nellie De Kol 2d, L. H. Myers to Eugene Casper, Bridgeton.

NEW YORK.

Aaggie Annabelle Aaggie Annabelle De Kol, Alethe Mercedes Clothilde, Ardenal Clothilre Netherland, Ardena Netherland, Cecelia Van Clothilde, Clorinda Pietertje Clothilde, Copia Pietertje Clothilde, Duchess De Kol Pietertje, Duchess Pietertje, Irma Clothilde, Kate F., Kate F. Holland Queen, Lady Van De Kol Artis, Niobe Hartog, Onwa Copia Pietertje, Princess Acra Parthenea, Princess Parthenea Clothilde, Rosemary Clothilde, Pietertje 6th's Queen, Viola Hartog Clothilde, Waconda, Waconda Clothilde; J. A. Nottingham & Son to H. B. Nottingham, Syracuse.

Bawn Duchess Esther, Belle of Buckeye Duchess, Bella Peter 2d, Buckeye Beauty Vgil, Labriga Fancy, Lady Jones Vigil, Lavera Hortensia Bawn, Lena Vigil 2d's Maud, Mamie St. Clair 2d, Maid of Aron 3d; C. F. Hunt to J. A. Stanton, New Woodstock.

Aaggie De Kol Beets, Dagman Hartog De Kol, Fanny Pietertje De Kol, Georgiana Pietertje De Kol, Joan Netherland, Lady May Netherland, Manor Josie, Manor Queen, Pansy Rachel, Pauline Hartog De Kol 2d, Pietertje De Kol Hartog, Rena Calamity Jane, Zady Bergsma 2d; Mrs. J. F. Doran to H. H. Stickles, Churchtown.

Clothilde Saides Oakhurst, Countess Egmont Oakhurst, Pietertje Milla De Kol Oakhurst; A. L. Brockway to E. A. Powell, Syracuse.

Felecia Wit De Kol, Netherland Celeste Bartlett, Pauline Ursena De Kol, Princess Wayne Aaggie Grace, Tryntje Netherland Aaggie Grace, Viola Dip; J. T. Howell & Son to R. E. Coe, Kirkville.

Bertha M. Netherland, Bertha Model Lady, Hengerveld Olive, Highland Olive, Ruby Wilson De Kol; John H. Bowlby to Helene B. Bowlby, Bath.

Aaggie Lily 3d's Inka, Dorinda Posch, Fanny Posch, Kalsora Inka; W. K. Taber to W. W. Cheney, Manlius.

Annie Bosch, Bonnett Bosch, Daisy De Kol Bosch, R. R. Holmes to C. F. Hunt, Manlius.

Adriaantje Pauline, J. T. Howell to R. E. Coe, Kirkville.

Amy Alexander Princess De Kol, Hanna P. Brousseau to Mrs. Smith Van Hoesen, Niverville.

Clothilde Pietertje Beets De Kol, J. T. Howell to R. E. Coe, Kirkville.

Daisy Fairview De Kol, F. H. Thomas to

W. H. Lloyd, Gravesville.

De Kol Queen of The Desert, Geo. H. Ensign to N. F. Sholes, Earlville.

Dorinda Posch, W. W. Cornwall to W. K. Taber, East Aurora.

Edna Twisk Clothilde, P. C. Dugan to Frank C. Gillespie, Albany.

Empress Daisy Hengerveld, Geo. M. Bull to E. A. Powell, and from E. A. Powell to F. A. Brown, South Appalachin.

Fanny Posch, W. W. Cornwall to W. K. Taber, East Aurora.

Flush's Emma De Kol 2d, M. & W. E. Timmerman to Wm. H. Davy, Little Falls.

Forster Aaggie Netherland 2d, A. B. Trowbrdge to E. A. Powell, Syracuse.

Ida Hope, E. A. Powell to F. A. Brown, South Appalachin.

Ilma Netherland De Kol Maid, J. C. McGuckin to Homer M. Collins, Earlville.

Inka Zur Santema De Kol, Percy Hallock to Albert Manning, Guymard.

Jenny Hartog De Kol, Freeborn Bros. to E. S. Damon & Son, New Woodstock.

Jessie De Kol Netherland Maid, W. L. Terry to Geo. Knoll, Jr., Parksville.

Jessie Hanks, J. W. Coley to Geo. A. Abbott, Cuyler.

Millie Twisk, P. C. Dugan to Frank C. Gillespie, Albany.

Miss Daphne Hartog Clothilde, P. B. McLennan to R. Grant Wagner, Ischua.

Nellie Kingston De Kol Inka, Neta Hartog Clothilde De Kol: R. B. Wightman to Chas. Dygart, South Hammond.

Netherland Bernice, Horace L. Bronson to John M. Ward, New York City.

Netherland Lockspur Cornucopia, C. H. Warren to S. B. Taylor, Canastota.

Oriole Josephine 2d, A. D. Chatfield to Walter Pollard, McLean.

Pietertje Nellie De Kol, F. H. White to L. O. Bucklin, Little Falls.

Sadie Ekster, Fidelia Sims to Wm. Sweetland, McLean.

Shadeland Corinne Hartog De Kol 2d, C. F. Davis to Wm. R. Crandall, Independence.

Valley Farm Topsy, F. R. Hazard to Stevens Bros.-Hastings Co., Lacona.

OHIO.

Celia Arabella, Est. Mrs. R. Bittikofer to E. S. Nail, Mansfield.

Fostoria Beauty, E. H. Lamborn to Sam Werren, North Benton.

Hulda Ann, M. W. Brockway to F. L. Allen, Austinburg.

Irena Markye, Stanley Bros. to R. H. Tidball, Garrettsville.

Polly Prim, M. W. Brockway to John S. Wisar, Dorset.

OREGON.

Imkje De Kol Jewel, Lunde Stanhope Belle, Scappoose Hengerveld Gerben; P. A. Frakes to Simmons Bros., Gresham.

PENNSYLVANIA.

Clothilde Francine Ononis, De Kol Duchess of Dellhurst, Francine Ononis Pauline, Radium: L. A. Mason to A. L. Gallup, Smethport.

Clothilde DuDchess of Dellhurst, De Kol Dora Deane, Duchess of Hackburn, Madam Blaze of Dellhurst; L. A. Mason to D. L. Haven, Smethport.

De Kol Maggie Miller, Maid of Spring Farm, Rhoebe Dellhurst's Josie 2d; L. A. Mason to R. Griffin, Smethport.

Boon De Kol Beets, A. S. Hoxie to E. E. Lee, Starrucca.

Celosia D., G. D. Robinson to G. M. & S. S. Lyon, Wyalusing.

Inka De Kol Butter Girl, G. M. Lyon to W. A. Lathrop, Dorranceton.

SOUTH DAKOTA.

Elma Tenino Larkin, Emily J. Larkin to W. J. Downing, Spencer.

VERMONT.

Adrienne Daisy De Kol, C. J. Torrey to A. B. Clapp, Brattleboro.

Lavinia Colanthus 3d, C. E. Weeden to F. W. Adams, and from F. W. Adams to C. E. Weeden, Rockingham.

WEST VIRGINIA.

Docia Maia Schuiling, Molly Schuiling, J. M. Quivey & Sons to H. L. Calvert, Triadelphia.

WISCONSIN.

Bess Soldene, W. D. McGill to Wm. Wood, Pewaukee.

Colantha Pietertje De Kol, F. E. Harriman to Wisconsin Live Stock Association, Appleton.

Forest Maid De Kol, M. L. Lueck & Theo. P. Hemmy to Theo. P. Hemmy, Juneau.

Hampden Susie, C. B. Hinchcliff to Steuber Bros., Richwood.

BULLS.

ARIZONA.

Gerben De Kol Dutch Boy, J. S. Howard to James Hall, Phoenix.

Moqui Lincoln, J. S. Howard to Peter Trougg, Phoenix.

Zweifel Gerben Hengerveld, J. S. Howard to James Hall, Phoenix.

CALIFORNIA.

Count Fidessa of Sleepy Hollow, R. M. Hotaling to C. F. West, Galt.

Poet of the Sierras, R. M. Hotaling to W. O. Russell, Davisville.

CONNECTICHT.

Elderberry Dione De Kol, C. H. Weaver to F. S. Briggs, Suffield.

Pietertje Burke, Conn. Agri. College to Robert E. Buell, Gilead.

ILLINOIS.

Mechthilde Jewel Lad, H. C. Le Bree to F. H. DuVal, Harvard.

Netherland Burke Parthenea De Kol, F. R. Hazard to John Burnner, Springfield.

Netherland Pietertje Fairmount, E. N. Upton to C. H. Durre & Son, Edgewood.

Parthenea De Kol, J. M. Holiday to Thomas Brothers, Woodstock.

IOWA.

Gewina Beauty Boy, W. B. Barney to W. I. Raymond, St. Charles.

KANSAS.

Sir Hengerveld Pietertje Inka, A. J. White to Frank Eckert, Topeka.

MAINE.

Joe Clay, L. E. McIntire to Willfred A. Hessey, Norway.

MARYLAND.

Earl Torrett De Kol, A. S. Worden to Jas. C. Forsyth, Hoods Mills.

MASSACHUSETTS.

Captain Dexter, Medfield Insane Asylum to F. F. Field, Brockton.

Jupiter Longfield De Kol, Medfield Insane Asylum to C. H. Thompson, Princeton.

Netherland Fritz Colantha Lad, Medfield Insane Asylum to J. H. D. Whitcomb, Littleton.

Paul Clothilde Richmond, Medfield Insane Asylum to H. C. Delano, Princeton.

Paul Clothilde Vernon, Medfield Insane Asylum to A. E. Wright, Fiskdale.

Pontiac Zelos, Eastern Michigan Asylum to J. B. Marcou, Princeton.

Sir Canary Tritomia, C. W. Wood to F. P. Knowles, Auburn.

Yamminah Deerkje Clothilde, Medfielld Insane Asylum to J. H. D. Whitcomb, Littleton.

MICHIGAN.

Iosco Sir Calamity Posch, H. W. Norton to Chas. P. Reed, Howell.

Manor Cora Sir De Kol, W. H. Grenell to John Lambertson, Orleans.

Sir Okemos Content, J. W. Cawood to Samuel N. Rogers, Marlette.

MINNESOTA.

Duke Clothilde of Concord, Est. Jane Darknell to Samuel Andrist, and from Samuel Andrist to J. D. Bringald & M. E. Williams, Concord.

Wisconsn Bess Count, J. P. Heatwole to K. O. Finseth, Kenyon.

NEW HAMPSHIRE.

Prince Parthenea Bismarck, L. S. Haselton to Sullivan County Farm, Unity.

NEW JERSEY.

Count Heeringa De Kol Amleto, S. D. Opie to J. P. Holcombe, Stockton.

Paul De Kol Otisville Queen Janzen, Theodore Drew to S. D. Green, Quarryville.

Sir Hengerveld De Kol Colantha, Theodore Drew to G. B. McDaniel, Branchville.

NEW YORK.

Aaggie Cornucopia De Kol Minks, J. T. Howell & Son to John Chaffee, Liberty.

America of Hilltop, J. H. Comstock to B. J. Armstrong, Otto.

Burke Colantha De Kol, G. M. Bull to Fred E. Hilbert, West Candor.

Burke Ormsby Korndyke, F. R. Hazard to A. W. Smith, Gainesville.

Carlos Pietertje, H. W. Hartshorn to Karl Hartshorn, Lebanon.

Crown Sir Jolie Butter Boy, Helene B. Bowlby to Harry Dean, Prattsburg.

De Gel Hengerveld Burke De Kol, T. M. Kation to Geo. L. Ames, Jamestown.

De Kol Clothilde Artis, J. A. Nottingham & Son to H. B. Nottingham, Syracuse.

De Kol Prince of Orange, C. F. Wood to Willard H. Bull, Monroe.

Duke of Moscow Concordia De Kol, Wm. Sweetland to Ed. Tomlinson.

Hartog De Kol, Geo. Sloane to W. J. Mitchell, South Fallsburg.

Hengerveld Inka Hartog, G. M. Bull to Wm. E. Mayer, Owego.

Henry Inka Clothilde, E. B. Stephens to Dever Clarke, Greenwood.

Jacoba Concordia, G. M. Bull to I. D. Schutt, Slaterville Springs.

Jim Spofford, Chas. Hunt to G. D. Hunt & Co., New Centerville.

Katie King Korndyke, Jabez Smith to Wm. H. Hammond, Newark Valley.

King Cataleta Beryl, D. E. Burlingame to C. J. Lollman, Madison.

Manor Beets Sir Korndyke, W. H. Grenell to Will Persons, Mannsville.

Maple Ridge Burke, C. H. Fitch & Sons to C. E. Lull, Morris.

Mercedes Tara Paul, Wm. Low to Abner Birch, Pine Bush.

Nudine Mahomet, A. C. Chase to E. E. Nichols, South Onondaga.

Paul De Kol Beryl Wayne, J. T. Howell & Son to Benj. Kelley, Ellenville.

Pietertje Artis Prince Oakhurst, A. L. Brockway to W. R. Van Sickle, Union Springs.

Prince Alban De Kol Oakhurst, A. L. Brockway to C. J. Shank & G. W. Houghton, Cayuga.

Prince Pietertje Von Etten, Harvey Conner to J. M. Saxton, Howells.

Sir Aaggie Netherland De Ruiter, Wm. Simpson to J. R. Maxwell, Franklinville.

Sir Clothilde Prince, N. F. Sholes to S. A. Fenton, Andes.

Sir Henry Clothilde Hartog, P. B. McLennan to Gilbert Laidlaw, Franklinville.

Sir Lynden Pearl, Levi Timerman to Rivenburg Bros., Oneida.

Sir Pietertje Hengerveld De Haan, J. T. Howell & Son to Floyd V. Parkhurst, Florida.

Sir Tirania of Hilltop, B. J. Armstrong to J. H. Comstock, Ithaca.

Vale Concordia De Kol, C. F. Hunt to W. J. Beck, Rome.

OHIO.

Jack Boon, F. B. Samsel to E. S. Nail, Mansfield.

Sir Jolie De Kol, Fred Hovey to W. L. & E. E. Russell, Welshfield.

OREGON.

Glencoe Hengerveld Wayne, P. A. Frakes to Simmons Bros., Gresham.

Sir Hengerveld Madolyn, P. A. Frakes to C. W. Clanton, Portland.

PENNSYLVANIA.

Ekster Sir Abbekerk 2d, W. M. Benninger to R. D. Wenrich, Wernersville.

Iduna Artis Netherland, Est. F. H. Bunnell to J. P. Richards, Ransom.

Maple Ridge Beauty Almeda, H. F. Mayne to C. H. Fitch & Sons, and from C. H. Fitch & Sons to F. A. Holmes, Volant.

Prince Beryl De Kol, L. A. Mason to A. L. Gallup, Smethport.

Sir Johanna De Kol Butter Boy, G. M. & S. S. Lyon to L. W. Pratt, Leraysville.

VERMONT.

De Kol Bell Lad, Vermont State Hospital to D. D. Giles, Tunbridge.

WASHINGTON.

King Alma Canary, P. A. Frakes to C. A. Sanders, Ellensburg.

WEST VIRGINIA.

Smirk Rue Lad, J. M. Quivey & Sons to H. L. Calvert, Triadelphia.

WISCONSIN.

Bartlett Fobes De Kol, H. G. Ruesink to A. L. Williams, Fond du Lac.

Duke Greenwood Spofford, C. A. Schroeder to R. B. Melvin, Greenbush.

Elba Maid 2d's Homestead, Horatio Ryder to Henry Pusch, Hartford.

Jerry Soldene, W. D. McGill to William Wood, Pewaukee.

Jesse Paul, W. H. Jones to David Mahony, Juneau.

Korndyke Sir De Kol Tritomia, Wisconsin Live Stock Association to Carl Muth, Sheboygan.

Mack Aaltje, W. D. McGillt to William McLaughlin, Templeton.

Mercedes Badger Pietertje, B. Sommerfeld to Frank Buelk, Beaver Dam.

Mercedes Bismark Badger Boy, B. Sommerfeld to O. F. Greenfield, Horicon.

Mercedes Dieuwertje De Kol, W. F. Krippner to Ed Yager, Rice Lake.

Mink Gem Rigtje De Kol, M. T. Allen to A. F. Arndt, Granton.

Prairie King Mechthilde, E. T. Wescott to H. G. Johnson, Whitewater.

Prince Bryonia Korndyke, F. J. Bristol to E. C. Peebles, Peebles.

Sir Johanna De Kol 12th, C. A. Schroeder to M. F. Peck, Marshall.

Sir Johanna De Kol Cleome, A. C. Demerit & Son to Ferdinand Howe, Lake Mills.

Wit Sir Ormsby, M. Dineen to Gustave Frenz, Cedarburg.

HOLSTEIN-FRIESIAN ASSOCIATION.
F. L. HOUGHTON, Sec'y,
Brattleboro, Vt.

## Transfers—Week Ending Nov. 3.

COWS.

CONNECTICUT.

Princess Hijlaard De Kol Lilith, Irving Stanton to R. G. Waterous, Willimantic.

ILLINOIS.

Farmer's Pet 2d, Wintermute Bros. to W. S. Libby, Hebron.

Hanna W., Wintermute Bros. to W. S. Libby, Hebron.

Shadybrook Farm Empress Josephine, M. E. Moore to A. B. Nokes & Son, Springfield.

IOWA.

Gertrude Thornhedge, George Eichacker to Jerry Kaster, Delaware.

MAINE.

May Sinfire De Kol, J. Fred Ridlon to D. B. Wiley, Greene.

Phyllis Shadybrook Gerben, National Soldiers' Home to E. N. Merrill, Skowhegan.

MARYLAND.

Aaggie Cornucopia Ybma, Rivenburgh Bros. to A. S. Lamb, Marley.

MASSACHUSETTS.

Carlotta Ononis, Empress Corona De Kol, Lady Cheswold Soldene, Lady De Kol Carlotta, Seraphena R. 3d; M. T. Carrigan to J. H. D. Whitcomb, Littleton.

Aaggie Tehee Artis De Kol, D. W. Field to F. F. Field, Brockton.

Beautiful Clothilde De Kol, J. H. D. Whitcomb to C. S. Toppan, Littleton.

Butter Boy Artis De Kol, D. W. Field to Fred F. Field, Brockton.

Daisy Uneeda Parthenea, Aaron Osterman to J. H. D. Whitcomb, Littleton.

Dinah Piersma, J. H. D. Whitcomb to Henry W. Carter, Millbury.

MICHIGAN.

Salina Beauty Dewdrop, Harvey S. Day to Frank R. Crandall, Howell.

Salina Brightest De Kol 2d, Harvey S. Day to F. R. Crandall, Ypsilanti.

Salina Mercedes Starlight, Harvey S. Day to W. B. Hatch, Ypsilanti.

MINNESOTA.

Corinna Pontiac, C. E. Dutton to George M. Flinn, Medford.

MISSOURI.

Shadybrook Gerben, H. C. Hoskier to M. E. Moore, Cameron.

NEBRASKA.

Clema Soldene 2d, William Eicke to Henry C. Glissman, Omaha.

NEW HAMPSHIRE.

Johanna Ouida, Lady Vernon De Kol, Perfect 7th's De Kol; Canterbury Shakers to New Hampshire College Durham.

Huntress Best, F. P. Knowles to J. W. Prentiss, Walpole.

Princess Pearl, Mrs. C. Louise White to James E. Favor, Bennington.

NEW JERSEY.

Johanna Hartog Beryl Wayne, Pietertje Tietje Beryl Wayne, Princess Beryl Wayne Aaggie; J. T. Howell & Son to P. A. Wintermute, Augusta.

Aaggie Grace Pietertje Wayne, J. T. Howell & Son to J. B. Lanning, Newton.

De Kol Pauline De Haan, J. T. Howell & Son to Dr. E. F. Hanks, Saddle River.

Moneta Johanna Beryl Wayne, J. T. Howell & Son to J. B. Lanning, Newton.

Spring Dell Clothilde De Kol, Sylvanus Apgar to Austin Fritts, Pattenburg.

NEW YORK..

Almagelche 5th A., Atla, Adalma, Alma Clyde, Almagelsche 3d's B., Almagelsche 5th B., Almagelsche Clyde, Atla 4th, Atla 4th's Clyde, Atla Clyde, Cllydalma, Clyde Gelsche, Clydelsche, De Gel, Elise 3d A., Evertje Clyde, Gelschecola, Gelschecola 2d, Gelschecola Clyde, Gelsche Clyde, Gleche, Gleche 3d, Gleche Clyde, Lady Fytje, Lady Fytje Clyde, Lady Postma 2d C., Lady Postma 2d D., Lad Rowena Clyde, Lady Wandagelsche, Martje Clyde, Monk Fytje 3d, Patma 2d, Patma 2d's Clyde, Patma 3d, Postham, Rowena Maid 2d's A., Rowena Maid Clyde, Thyralma, Thyratia, Thyralma Clyde, Urma 9th's A., Urmagelsche 2d B., Urmagelsche 4th, Urmagelsche 5th, Urmagelsche Clyde, Urmera, Urmera 2d, Urmera 3d, Wandagelsche 2d A., Wandagelsche 2d B., Witra 3d, Witra 3d A.; Est. Charles A. Wheeler to C. F. Hunt, Manlius.

Bibiana De Kol A., Favora De Kol, Nea Marguerite De Kol, Pansy Pell 2d, Queen Signet Beryl; N. F. Sholes to George W. Berry, Poolville.

Jessie Wayne Pietertje Beryl, Lilith Pietertje Jewel, Mollie Pietertje Aaggie; John C. Godfrey to E. A. Powell, Syracuse.

Adriaantje's Netherland 3d, Clothilde Burnside Mink, Crary Burke, Aaggie Grace, Dorothy Pietertje De Kol Paul, Pauline Artis De Kol Witkop, Princess De Kol Aine Antoinetta; J. T. Howell & Son to Harry B. Davis, Chester.

Aaggie Grace Princess Wayne, Armyn's An 3d's De Kol, Daisy Pauline De Kol Paul, Fanny Tietje Keyes, Netherland Rose de Haan, Pauline Pietertje Tietje, Pride Pietertje Aaggie Grace, Saake Aaggie Grace; J. T. Howell & Son to Dr. E. E. Cady, Chester.

Inka Ruth Eraklia, Pauline De Kol Artis 2d, Ruth Eraklia Pietertje 2d, Wakatomica, Hengerveld De Kol; Fred Dixon to W. W. Cheney, Manlius.

Lady De Kol of Burlington, Edith Prescott Small Hopes, Maple Ridge Velstra, Mona Mercedes De Kol, Small Hopes Mooie 2d, Venango 2d's Pietrtj; C. H. Fitch & Sons to Jarvis Bros., Cooprstown.

Alma Lyons Konig, Idyl Homfields Paul, Margaret of Riverside; Wing R. Smith to Royal R. Scott, Canandaigua.

Aaggie Grace Beryl Wayne, J. T. Howell & Son to Theo. J. Hulse, Middletown.

Aaggie Hartog Pietertje De Kol, W. H. Tripp to W. H. De Pew, Auburn.

Aaggie Tehee Artis De Kol, Fred F. Field to H. A. Moyer, Syracuse.

Armyn An Aaggie Grace, J. T. Howell & Son to George E. Decker, Unionville.

Bawn Buckeye Princess, Wing R. Smith to W. H. Brennan, Syracuse.

Belle De Kol of Maple Shade, Carley Smith to E. A. Powell, Syracuse.

Clothilde Floa Netherland, C. B. Wilber to W. B. Gates, New Berlin.

Creamelle de Haan, Beryl De Kol, J. T. Howell & Son to Benj. E. Kelly, Ellenville.

Daisy De Kol Wilber, C. B. Wilber to W. B. Gates, New Berlin.

Daisy of Elmwood, A. E. Woodmansee to Clare D. Smith, Berkshire.

De Kol Alban Signet, W. B. Gates to Lyman Skinner, New Berlin.

De Kol Pauline Lucille, W. B. Gates to Lyman Skinner, New Berlin.

De Kol Perfection L., Fred Dixon to Fred Manro, Auburn.

Edith Abbekerk Burke, A. L. Draper to Stevens Bros.-Hastings Co., Lacona.

Edith Burke Clothilde, Stevens Bros.-Hastings Co. to W. J. Pulver, Millerton.

Edwina Clothilde Pietertje 3d, W. H. De Pew to J. W. Walker, Auburn.

Inka Clothilde Duchess, W. H. De Pew to J. W. Walker, Auburn.

Inka Hijlaard De Kol, Charles Hunt to G. De Forest Hunt & Co., New Centerville.

Inka Netherland De Kol Mercedes, Rivenburgh Bros. to W. W. Cheney, Manlius.

Irmena Wayward Pledge, Irwin Langworthy to John Atkinson, Bridgewater.

Jarie Pauline De Kol 3d, Ira E. Fitzgerala to Dr. E. E. Cady, Chester.

Jessie Small Hopes, C. H. Fitch & Sons to Wm. R. Parker, Burlington Flats.

Jewel Creamelle de Haan, J. T. Howell & Son to H. B. Lauber, Dairyland.

Kalsora Mutual Inka, W. K. Taber to C. L. Collins, Fayetteville.

Lady De Kol of Burlington, H. F. Mayne to C. H. Fitch & Sons, Burlington Flats.

Lady Genesta van Kampen, C. H. Weaver to W. Myers, Tochkanick.

Netherland Witkop De Kol, J. T. Howell & Son to George E. Howell, Howells.

Pauline Mercedes Ursena 2d, J. T. Howell & Son to Theq. J. Hulse, Middletown.

Pietertje Witkop Artis De Kol, J. T. Howell & Son to Benj. E. Kelly, Ellenville.

Pledge Ginseng Lass, Rivenburgh Bros. to W. W. Cheney, Manlius.

Ruth of Mapl Shade, Carley Smith to E. A. Powell, Syracuse.

Twisk Perfection Unadilla, S. Hoxie and Est. S. L. Hoxie to A. S. Hoxie, Leonardsville.

Ursena Aaggie Grace, J. T. Howell & Son to Henry M. Lewis, Monroe.

Venango Korndyke De Kol, W. B. Gates to Elmer Spaulding, New Berlin.

Wild Rose Waldorf, Fred Dixon to Fred Manro, Auburn.

OHIO.

Alma Lyons De Kol, Arthur Perry to C. T. Goodwin, Columbia Station.

Bernardo Clothilde Ruth 2d, Easthope & Biery to R. C. Church, Warren.

Black Bess Clothilde 4th, H. T. Alle to L. H. Button, Chagrin Falls.

Concordia De Kol Clothilde, C. T. Goodwin to Hines & Haskell, Wellington.

Duchess of Spring Hill, C. T. Goodwin to Hines & Haskell, Wellington.

Roemon Princess De Kol, L. H. Felch to E. H. Sly, Dorset.

Snyder Pet, C. W. Bidwell to J. A. Watson, Youngstown.

White Bess Clothilde 3d, H. T. Allen to L. H. Button, Chagrin Falls.

PENNSYLVANIA.

Copai Netherland De Kol, H. E. Ellsworth to E. D. Ellsworth, Meshoppen.

Ethel Blae Clothilde, L. A. Mason to R. Griffin, Smethport.

Franchette Darling, O. V. Dunlap to E. D. Ellsworth, Meshoppen.

Large Hopes, C. R. Cressman to E. C. Fretz, Richland Center.

Pietertje Twisk, A. S. Hoxie to E. E. Lee, Starrucca.

Pretoria Prize, C. R. Cressman to E. C. Fretz, Richland Center.

PROVINCE OF QUEBEC.

Homestead Pauline De Kol, Stevens Bros.-Hastings Co. to Mrs. E. C. Stevens, St. Lambert.

Johanna Queen De Kol, Stevens Bros.-Hastings Co. to Mrs. E. C. Stevens, St. Lambert.

RHODE ISLAND.

De Kol Wayne Tnsch, Fred F. Field to C. F. Collins, Pawtucket.

Dutchland Queen Hengerveld, Fred F. Field to Allen Money, Slocum.

VERMONT.

Hattie J., H. H. Keech to A. W. Newton, Wallingford.

Luecke Melkbron, W. W. Kimball to C. B. Paige, Essex.

WISCONSIN.

Alvira Netherland Dieuwertje, Goldie De Kol Piebe, Little Goldie De Kol, Mechthilde De Kol Beechwood, Mercedes Anna Bell Pietertje, Petrel Beechwood Mechthilde, Viola Pauline De Kol; Carl Foll to George Weaver, Elkhorn.

Abbekerk Hengerveld De Kol, Lottie De Kol Elgin, Shldon Lady D Kol; August Wintr to S. Z. Hudson, Reedsburg.

Annie K.'s Mercedes Flip, Dinah Aaggie Mechthilde De Kol, May Magnet Queen; Carl Foll to W. B. Ellis, Elkhorn.

Lady Belle Fobes, W. D. McGill to William Wood, Pewaukee.

Lady Jane Fobes, W. D. McGill to William Wood, Pewaukee.

Lady May De Kol, J. C. Wilton to C. Ward, Oak Hill.

Maud Parthenea Careme, J. H. Dulmes to Henry Rauwerdink, Oostburg.

BULLS.

AFRICA.

Hillside Lita De Kol Clothilde, E. A. Powell to W. H. Bartlett, Queenstown, Cape Colony.

CONNECTICUT.

Teddy De Kol Clothilde, P. M. Austin & Son to J. C. Joyce, Stepney Depot.

IDAHO.

Sir Daisy A. M. De Kol 2d, C. H. Brown to Idaho State Insane Asylum, Blackfoot.

ILLINOIS.

Adam De Kol Mechthilde, J. J. Stocker to Ray & Anthony, Greenville.

Aulinda Heilo Prince De Kol, George O. Morris to Joseph Broleman, Tamaroa.

Beechwood Bona Johanna, University of Illinois to Henry Pyle, St. Jacob.

Maple Leaf Sir Netherland, M. E. Moore to Roy E. Swigart, Dixon.

Veeman Clothilde Lad, University of Illinois to G. C. Gordon, Urbana.

Sir Constance Clothilde De Kol, William Everson to Charles Maynard, Hampshire.

MAINE.

Count Hetje Clothilde, H. B. Libby to C. E. Libby, Burnham.

King Hingham Shadybrook, National Soldiers' Home to S. E. Mitchell, Troy.

Mercena Parthenea Chief, National Soldiers' Home to M. J. Dow, Plymouth.

Netherland Pauline Posch, Charles L. Jones to George E. Fellows, Orona.

Paul Hengerveld Withoorn De Kol, J. H. Mead to S. M. Paul, Dexter.

Togus Jefferson 3d, H. M. Gage to Harvey Tuttle, E. Newport.

MASSACHUSETTS.

Sir Echo Soldene Clothiide, Medfield Insane Asylum to Fred F. Field, Brockton.

Soldene Genesta 2d's Lad, F. C. Peirce to F. A. Pollard, Harvard.

MEXICO.

Johanna Homestead, E. A. Powell to B. Rodriquez, Tampico.

Johanna Sarcastic Netherland, E. A. Powell to B. Rodriquez, Tampico.

MICHIGAN.

Ozar Korndyke, Wisconsin Live Stock Association to R. P. Clement, Adrian.

Prince Sunlight De Kol, W. O. Wilson to C. R. Underwood, Mason.

Sir Houwtje Calamity, D. Owen Taft to Frank Wessinger, Howell.

MINNESOTA.

Count Duchess Homestead, Joel P. Heatwole to E. J. Buscho, Waseca.

Duke of Spring Brook De Kol, Joel P. Heatwole to O. E. Emery, Stanton.

Sparta Chief De Kol, C. Hadrath to Freu Wekworth & Son, Montevideo.

Twisk Hengerveld Paul, George M. Flinn to J. J. Miller, Morristown.

MISSOURI.

Prince Borna Bryonia, George C. Mosher to D. R. Wilkins, Ohio.

NEW HAMPSHIRE.

Abijah Lincoln, D. H. Goodell to Sumner W. Watson, Dover.

Susie F. Marion 2d's Paul, J. H. D. Whitcomb to W. H. Noyes, Sugar Hill.

NEW JERSEY.

Burke Hengerveld Beryl Wayne, J. T. Howell & Son to Dr. E. F. Hanks, Saddle River.

NEW YORK.

Aaggie Paul Beryl Wayne, J. T. Howell & Son to E. D. Chamberlain, Chester.

Aaggie Trix Count, A. E. Woodmansee to Harvey Holden, Newark Valley.

Aaggie Wayne Johanna De Kol, J. T. Howell & Son to James Cambers, Walton.

Alban Burke, William Williams to Oscar R. Jones, Remsen.

Barber De Kol, A. L. Draper to Stevens Bros.-Hastings Co., Lacona.

Beauty Lamb De Kol, C. H. Weaver to John Shutts, Crayville.

Ben Hartog Clothilde, R. B. McGregor to C. R. Kelsay, Hammond.

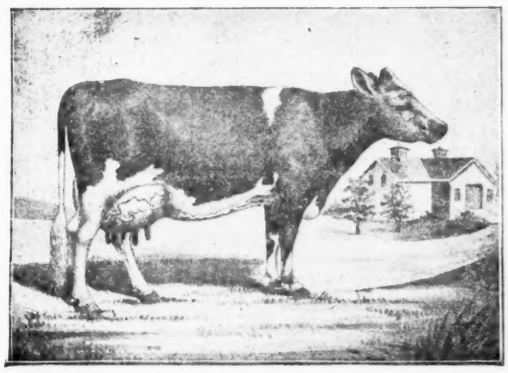
Beryl Wayne Armyn De Kol, J. T. Howell & Son to E. J. Schoonmaker, Stone Ridge.

To be continued in next issue.

# GREENWOOD HERD HOLSTEINS.

**One of the BEST in America, Premier Sire "PRINCE YBMA SPOFFORD" whose dam and sire's dam have an average of 97 lbs. milk per day, and 25.59 lbs. butter in 7 days.**

## The Leading Families



KATY SPOFFORD CORONA.
Holds a WORLD'S record that has stood the test for 5 years.

The herd contains a large per cent. of the blood of **Katy Spofford Corona,** the heifer that **still holds** the **World's** A. R. O. record of **590.65** lbs milk, **26.02** butter in 7 days at age of 3 years, 1 month and 6 days. **12** of the grand-daughters in our herd have A. R. O. records averaging **47.16** lbs. milk per day, **13.02** lbs butter in 7 days. 5 of these young heifers were under 2 years when tests were made. **12** cows with official records that average over **20** lbs. butter in 7 days, **one** of which recently produced **637.2** lbs. milk, **25.17** lbs. butter in 7 days, **26.72** lbs milk. **102.67** lbs butter in 30 days. best day's milk **100.5** lbs.

Young bulls and bull calves from dams with large A. R. O. records at bargain prices, fit to head the **best herds** in America.

Write to us or come and see for yourself, if you need anything in **first class stock** closely related to one of the **champions** of the breed.

**Send for Illustrated Catalogue.**

## E. H. KNAPP & SON, Fabius, N. Y.

---

**Bulls Ready for Service From A. R. O. Cows.**

One from Quoque Mooie, with an A. R. O. record of 24.52 lbs. of butter in 7 days, taking third prize money in 1906. One from Jessie Inka Pledge, who carries the world's record on milk, 519 lbs.—18 lbs. 5 oz. of butter in seven days at 2 years 2 months of age—and whose sire is a son of Beryl Wayne with an official record of 27 lbs. 14 oz. of butter in seven days. If you want good ones, here they are.

Stock of all kinds for sale at any time.

**H. H. WICKWIRE, Hubbardsville, N. Y**

---

**GRAHAM NURSERY CO., ROCHESTER, N. Y.**

Catalogue. Agents wanted. Standard Fruit Trees, Grapes, Small Fruits, Ornamental Trees, Bulbs, Hedgings. All stock guaranteed

J. B. PORTER, Supt. Cornell Div. Ithaca, N. Y.

---

WANTED, IMMEDIATELY,

Registered Holstein Cows due to freshen within the next three months. Will pay cash. Write today.

P. O. BOX 866, CORTLAND, N. Y.

---

## Registered Holsteins

One of the choicest herds in Massachusetts.

**DE WOLF STOCK FARM,**
**Huntington, Mass.**

---

## LAKESIDE HERD.

I can now offer several fine young cows and heifers due to freshen within a few weeks, also a grand lot of heifer and bull calves, also yearling bulls whose dams and sire's dams average 20 to 25 lbs. butter in 7 days.

**E. A. POWELL, 904 W. Genesee St., SYRACUSE, N. Y.**

---

## Hillcrest Farm Holsteins.

**65 Head—25 A. R. O. Cows.**

Premier Bull has 18 A. R. O. daughters. Junior Bull, son of Sarcastic Lad, the grand champion of the world.

Bull calves at farmer's prices while they last.

**GEO. C. MOSHER,**
GREENWOOD, MO.

---

## Locust Hedge Stock Farm.

Critical Buyer—Hello, Mr. Hard-to-Please; where did you get your Holstein bull?

Mr. Hard-to-Please—Why, of R. E. Coe & Son, Kirkville, N. Y. They give great breeding for the price, but you will have to hurry if you get one. Only two fit for service left. You have to order bull calves in advance.

---

**Holsteins Wanted at Once.**

Cows and heifers wanted that are pure bred rhgistered and guaranteed sound and right. Am not particular about high breeding or A. R. O stock, but must be good individuals of good age. State full particulars with first letter, age, date of calving and best cash price. Car load lots most desired to save freight. Address

"Business," (care H.-F. World).

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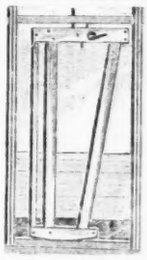

## EXCELSIOR SWING STANCHION

WARRANTED THE BEST
30 DAYS TRIAL

Unlike all others.
Stationary when open.
Noiseless.

**The Wasson Stanchion Co.**
**Box 20, Cuba, N. Y.**

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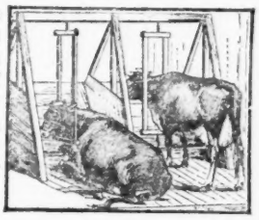
## WARRINER CHAIN HANGING STANCHIONS



THE stanchion you shipped us on October 10th, was put up longside of several other samples, and studied closely ever since. On the first day it was plain to all of us that everything considered yours was one of the best, and we intend to use them when we build our new barn next year. CLOVERLAND DAIRY FARM, Ltd., New Orleans, La.

They have since bought 132 stanchions for the new barn. **WALLACE B. CRUMB,**

Brown Street BOOKLET FREE FORESTVILLE, CT.

---

M. S. Nye, of Preble, N.Y., Offers For Sale

**Registered Holstein Bull Calves**

Sired by Aaggie Cornucopia Johanna Lad, Jr. His sire's dam is champion butter cow of the world. He won first prize at Cortland county, Broome county and N. Y. State Fairs, and headed a first prize herd at each fair, 1906. The dams of these calves have large A. R. O. records, a number over 20 lbs. of butter in 7 days, over 80 lbs. of milk in one day. See cut in this issue.

**M. S. NYE**

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## Clothilde De Kol Alban (33,945)

is one of the finest decendants of DeKol 2d's Butter Boy, Inka Princess' Pietertje Netherland, Paul Beets DeKol and Artis Adiantum's Clothilde,—12½ per cent of each. **He carries the blood that has produced the greatest sires and dams of the breed.** His daughters cannot be bought for $100 each; but I offer young bull calves from same dams at $25. A few heifers and aged cows bred to Clothilde De Kol Alban $100 to $150.

**RALPH CORBIN, Bainbridge, N. Y.**

---

## SPECIAL LOW PRICE Holstein Bull Calves

Ten to 30 days old, bred right, calves right. Guaranteed.

## W. B. Smith & Son

2488 W. Broad St., Columbus, Ohio.

## Star Farm Holsteins

### Special Offering for October

For the first time I am able to offer to the public daughters of Mercedes Julip's Pietertje Paul, No. 29830; record of dam 29.34 lbs. of butter in seven days; 1901 world's champion cow; bred to Aaggie Cornucopia Pauline Count, No. 29642, whose dam is Aaggie Cornucopia Pauline, present champion cow of the world A. R. O. seven-day butter record, 34.31 lbs.

I am also offering service bulls, sired by the Count, from official tested daughters of Mercedes; one with a two-year-old record of 17 lbs. of butter in seven days. The greatest combination of the world's record Holstein cows ever before offered to breeders.

I also have choice bargains in registered Holstein springers, service bulls, heifers and calves.

Will send illustrated circulars and valuable information free.

**Horace L. Bronson**

Department F CORTLAND, N. Y.

**400 HEAD TO SELECT FROM 400**

Milk of entire herd tested over 4 per cent. butter fat for 1905, a world's record.

—NOTICE.—

**THE MILK AND BUTTER KING**

—OF THE—

## Holstein-Friesian Breed,

Being the HIGHEST-PRICED CALF EVER SOLD, and now valued at

TEN THOUSAND DOLLARS,

will be shipped in his yearling form to Stock Farms desiring his Service, thereby giving all breeders who are without a satisfactory Head to their Herd an opportunity to secure the blood of a bull that combines 50 per cent. each of the TWO GREATEST COWS, LIVING OR DEAD, of the breed—the official average of his two first dams being almost 32 lbs.

For terms and pedigree, address C. S. AVERILL, The Yates, Syracuse, N. Y.

**FOR SALE**

Bull calf, born April 20th, 1906. This calf is well grown, a fine individual, sired by Witkop De Kol Korndyke Wayne, whose dam has an average A. R. O. record of 22.83 lbs. butter in seven days, average fat 4.21 per cent., at four years old. This calf will be sold cheap to make room.

F. W. AMES Morristown, N. Y.

**A Few Very Choice Bull Calves**

sired by Aaggie Cornucopia Johanna Lad; dams by Paul Beets DeKol and Korndyke Queen DeKol Prince, with good A. R. O. backing. Write for prices. Visitors welcome. A. W. BROWN, Unadilla Forks, N. Y.

**MAN WANTED—**

Married man by the year, as dairyman and farmer. One that can board help. State age, reference, family and salary wanted.

T. A. Mitchell, Weedsport, N. Y.

**BULL CALF** Born September 15, 1906, beautifully marked, half black and half white.

DO YOU VALUE THE BLOOD OF DE KOL 2d.

Just notice this one: sired by DeKol 2d's Mutual Paul; dam, Onyx Barrington De Kol, she by DeKol 2d Butter Boy 2d; grand dam Minnie Abbekerk, sired by a son of DeKol 2d, DeKol 2d's Netherland; both ancestral lines rich in DeKol 2d blood. If you want this fellow shipped to you at $40, speak quick. **Frank Connell, De Ruyter, N. Y**

**Wanted $100** for a yearling Heifer and a Bull Calf from na A. R. O. Dam (not kin.) Write for pedigrees.

THEO. DE LAPORTE, SPRINGBROOK, RHINEBECK, N. Y.

## A High Class Service Bull

WRITE FOR PEDIGREE AND PRICE

Born October, 1904—Nearly white—A straight, handsome animal, good enough to head any herd. Sire, LORD NETHERLAND DEKOL, sire of 54 A. R. O. daughters. He has more daughters that have averaged over 4 per cent fat in their official work than any other bull. This young bull has 10 female relatives that average 22.26 butter in 7 days A. R. O. His pedigree contains 138 A. R. O cows.

**Brill Farm, - - Poughquag, N. Y.**

**SPRINGDALE HERD**

Offers a fine lot of cows and heifers bred to **Sadie Vale DeKol Mercedes Paul, 36160.**

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I now offer a very fine bull calf, five months old, more black than white, nicely marked and a good handler in every way. His dam has an A. R. O. record of 16.02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs milk in 4 months. Calf's sire Homestead Hengerveld Crown DeKol, No. 26,345.

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Homestead Girl De Kol's Sarcastic Lad, No. 32558; dam Homestead Girl De Kol, A. R. O. record 26.29 lbs. butter in seven days per milk averaging 3.94 per cent. fat.

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